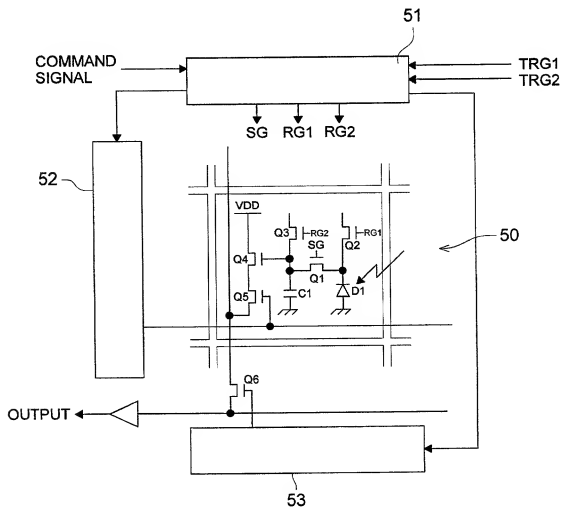


FIG. 1



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FIG. 2

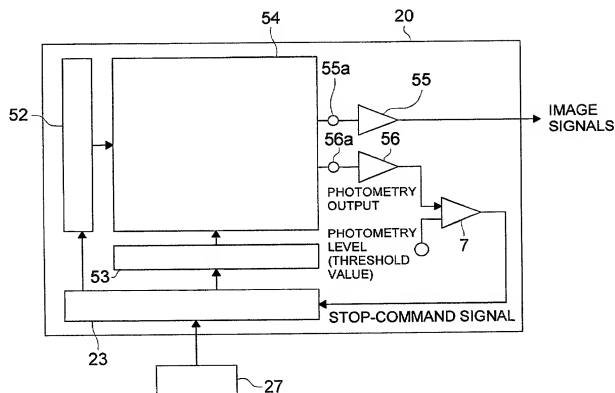


FIG. 3

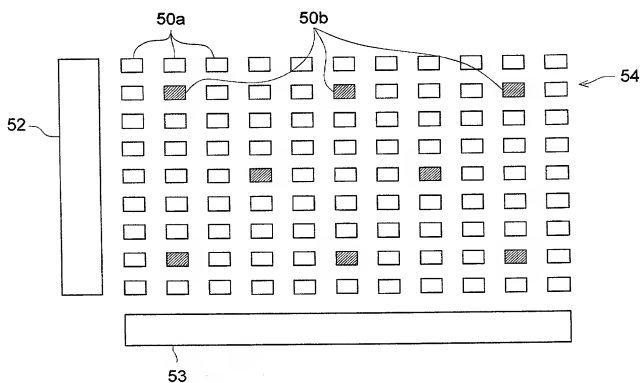


FIG. 4

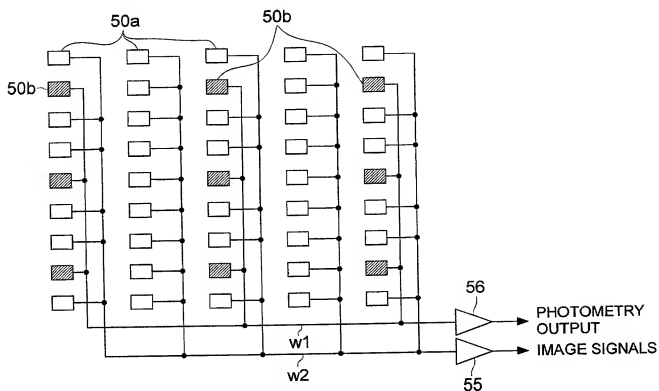


FIG. 5

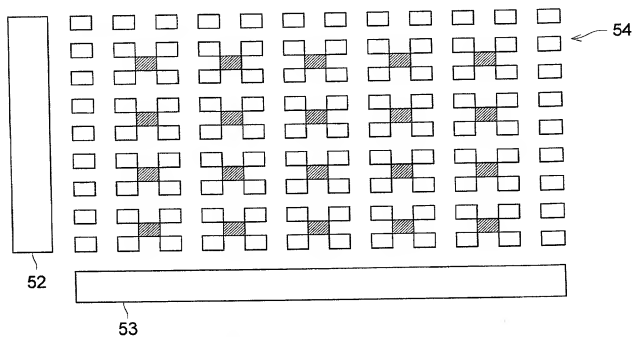


FIG. 6

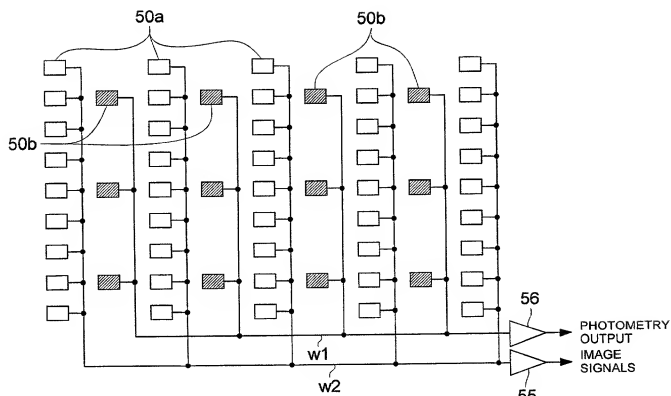


FIG. 7

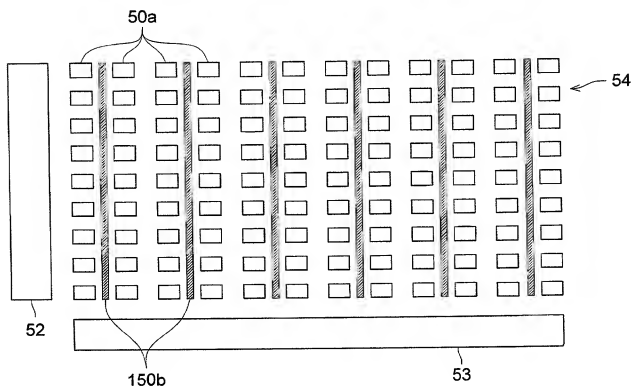


FIG. 8

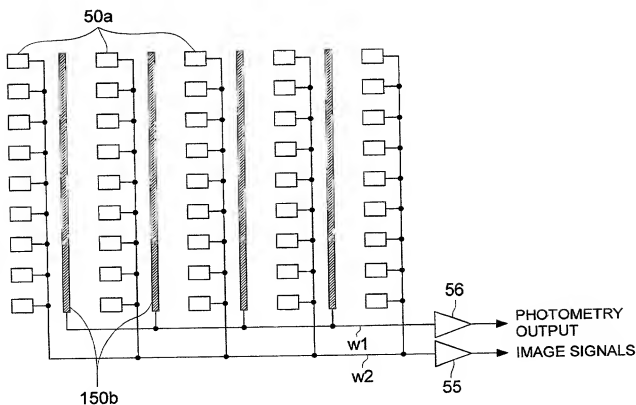


FIG. 9

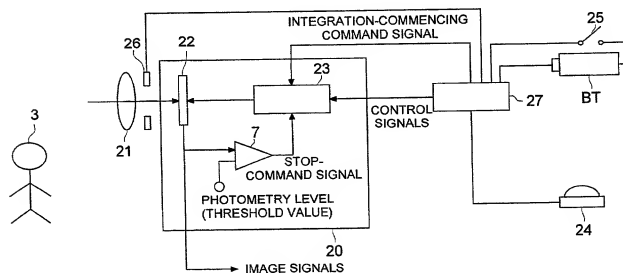
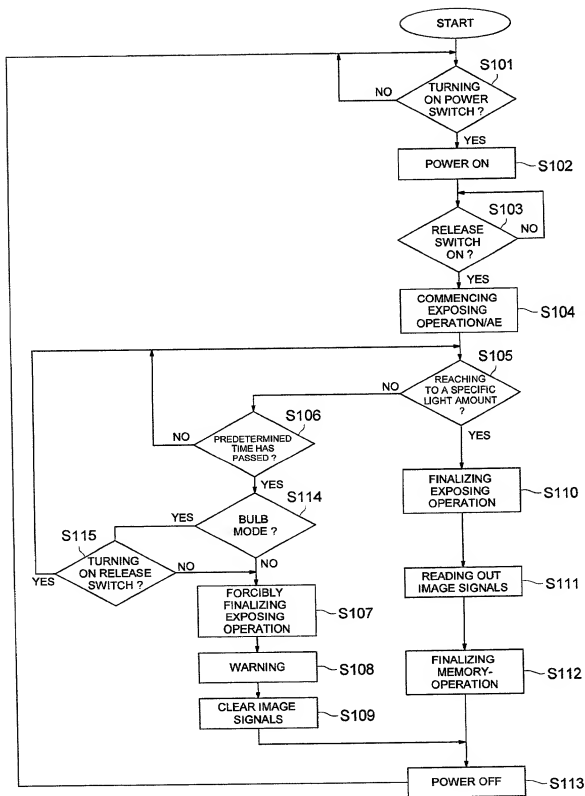
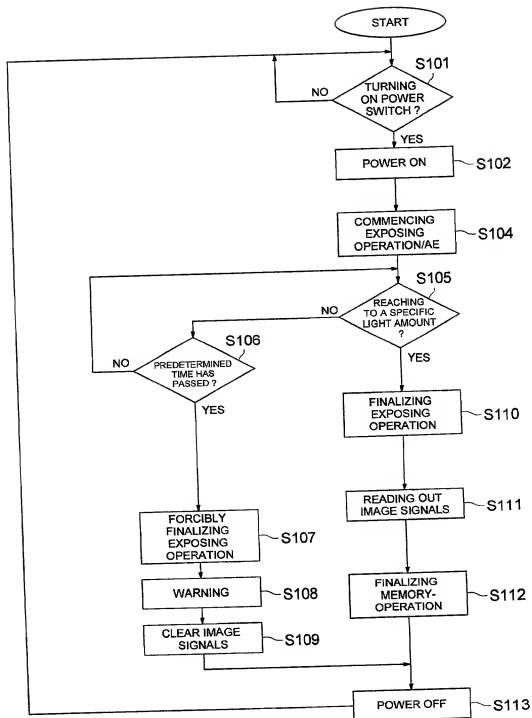


FIG. 10



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FIG. 11



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FIG. 12 (a)

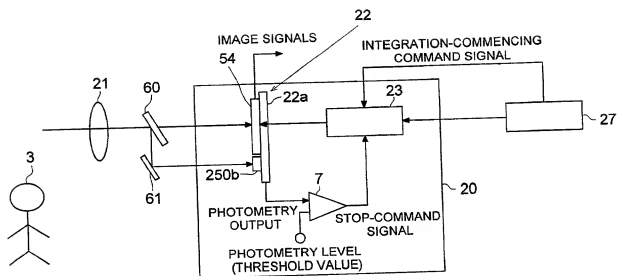
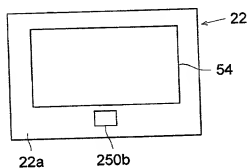


FIG. 12 (b)





The diagram illustrates a control system for an X-ray image intensifier. A stick figure (3) is positioned in front of a lens (21). The lens (21) focuses light onto a photodiode (7). The photodiode (7) is connected to an integrator (22) and a comparator (23). The integrator (22) outputs image signals (20) and provides feedback to the comparator (23). The comparator (23) compares the photodiode (7) output with a stop-command signal (23) and outputs a control signal (27). The control signal (27) is fed back to the integrator (22) and also controls a trigger pulse (200) which starts the illumination. The trigger pulse (200) is also connected to a photodiode (2) and a photodiode (2').

FIG. 14

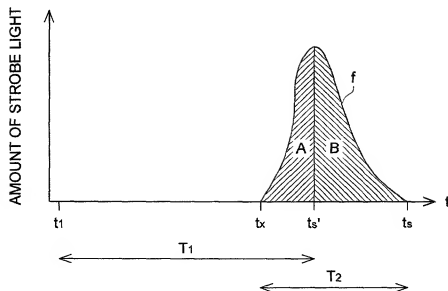


FIG. 15

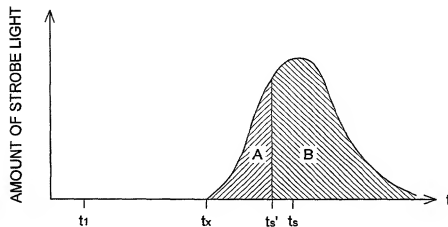
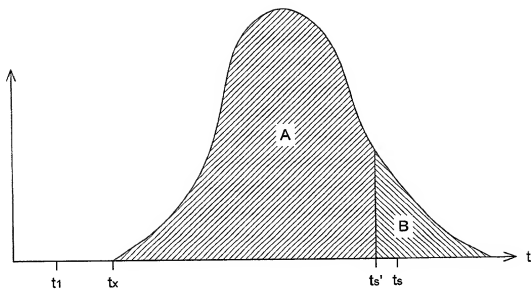


FIG. 16



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FIG. 17

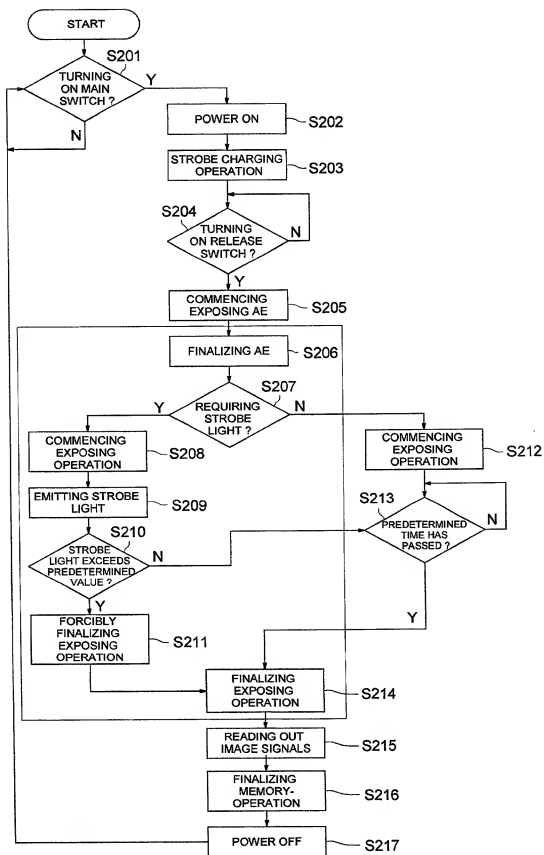
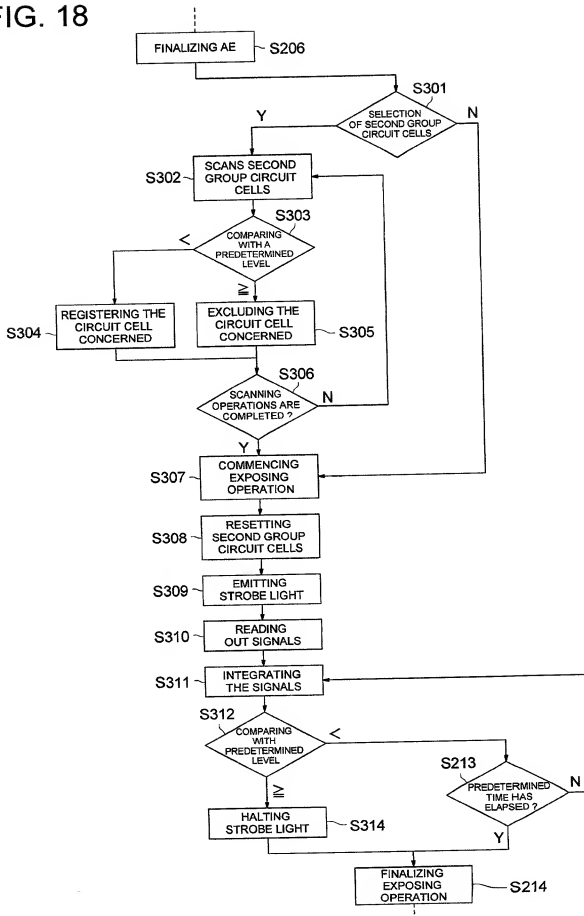
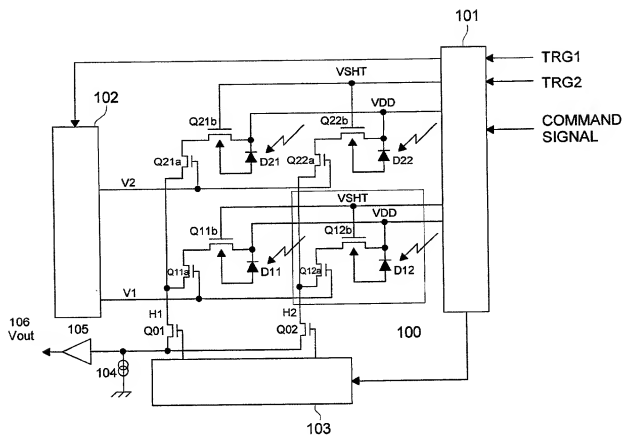


FIG. 18



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FIG. 19



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FIG. 20

